

Title (en)
MECHANICAL AIRCRAFT SILL HEIGHT INDICATOR

Title (de)
MECHANISCHER ANZEIGER DER FLUGZEUGSCHWELLENHÖHE

Title (fr)
INDICATEUR MÉCANIQUE DE HAUTEUR SEUIL D'AÉRONEF

Publication
EP 3133016 B1 20230412 (EN)

Application
EP 16184617 A 20160817

Priority
US 201514829391 A 20150818

Abstract (en)
[origin: EP3133016A1] An evacuation system (100) is provided. The system may comprise a door sill (104), a girt (110) coupled to the door sill (104), a slide coupled to the girt, and a measurement device coupled the girt and/or the slide. The measurement device (112) may further comprise a line (113) having a predetermined length and a weight (114) coupled to the line (113), and the measurement device (112) may be configured to adjust a length of the slide (106) in response to a position of the weight (114). A method is also provided. The method includes opening a door to expose a door sill (104), inflating the emergency slide (106) with the emergency slide (106) coupled to the door sill (104), and deploying a measurement device (112) configured to measure a height of the door sill (104) from a surface. The measurement device (112) may comprise a line (113) coupled to the door sill (104) and a buoyant weight (114) coupled to the line (113), and wherein the line (113) has a predetermined length.

IPC 8 full level
B64D 25/14 (2006.01)

CPC (source: EP US)
B64C 1/1461 (2013.01 - US); **B64D 25/14** (2013.01 - EP US); **A62B 1/20** (2013.01 - US)

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